

Third Pacific Area Meeting Papers

Papers on

BUILDING CONSTRUCTIONS



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PAPERS ON BUILDING CONSTRUCTIONS

Symposium on Wood in Building Constructions
Symposium on Methods for Testing Building Constructions

Presented at the
THIRD PACIFIC AREA NATIONAL MEETING
AMERICAN SOCIETY FOR TESTING MATERIALS
San Francisco, Calif., October 12 and 14, 1959



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FOREWORD

Building construction is approached from several angles in this publication. The necessity for quality control in structural glued laminated timber, the advantages of diaphragms and full-scale testing of these assemblies, the importance of satisfactory end joints in laminated wood beams, screw-holding properties of various species of wood, wood pole-type buildings, and termite control in California are presented in this publication. These are among the many facets reflected in studies and research described in this group of papers. A single paper on lateral shear tests of light-gage steel buildings round out the presentation.

Papers and discussions dealing with these problems were presented at the Symposium on Wood in Building Constructions and at the Symposium on Methods for Testing Building Constructions. These symposia were presented at the Third Pacific Area National Meeting of the American Society for Testing Materials held in San Francisco, Calif., October 11-16, 1959. A paper by R. A. Glaze on "Need for Special Engineering Education in the Field of Structural Timber Design" was presented but is not included in the publication. The following three picture presentations, not for publication, were included in the technical sessions: "Testing Reinforced Grouted Brick Masonry and Also Hollow Concrete Masonry Wall Panels to Determine Values in Diagonal Tension and Shear" by N. W. Kelch; "Testing Models of a Large Wood Roof Beam" by J. B. Snodgrass; and "The Renaissance of Wood in School Building Construction in California" by Ernst Maag.

The Symposium on Wood in Building Constructions was sponsored by Committee D-7 on Wood. L. J. Markwardt, U. S. Forest Products Laboratory, was the symposium chairman. The presiding officers of the first session of this symposium were Mr. Markwardt and Ernst Maag, California State Department of Public Works. Ben Benioff, King, Benioff & Associates, presided over the second session of this symposium.

The Symposium on Methods for Testing Building Constructions was sponsored by Committee E-6 on Methods of Testing Building Construction. N. W. Kelch, Brick Manufacturers Association of Southern California was the symposium chairman. The presiding officers for this session were Mr. Kelch and R. F. Legget, National Research Council of Canada.

NOTE.—The Society is not responsible, as a body, for the statements
and opinions advanced in this publication.

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